

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

|  |  |  |
|--|--|--|
| Applicant's or agent's file reference<br><b>30-5061</b>  | <b>FOR FURTHER ACTION</b> <small>See Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</small> |  |
| International application No.<br><b>PCT/US 01/07404</b>  | International filing date (day/month/year)<br><b>08/03/2001</b>  | (Earliest) Priority Date (day/month/year)<br><b>10/03/2000</b> |
| Applicant<br><b>HONEYWELL INTERNATIONAL INC.</b>   |  |  |
| <p>This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This International Search Report consists of a total of <u>3</u> sheets.<br/> <input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p>   |  |  |
| <p><b>1. Basis of the report</b></p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:</p> <p><input type="checkbox"/> contained in the international application in written form.</p> <p><input type="checkbox"/> filed together with the international application in computer readable form.</p> <p><input type="checkbox"/> furnished subsequently to this Authority in written form.</p> <p><input type="checkbox"/> furnished subsequently to this Authority in computer readable form.</p> <p><input type="checkbox"/> the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.</p> <p><input type="checkbox"/> the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box I).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (see Box II).</p> <p>4. With regard to the title,</p> <p><input type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input checked="" type="checkbox"/> the text has been established by this Authority to read as follows:<br/> <b>METHODS OF BONDING A TARGET TO A BACKING PLATE</b></p> <p>5. With regard to the abstract,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. The figure of the drawings to be published with the abstract is Figure No. <u>2</u></p> <p><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> because this figure better characterizes the invention.</p> <p><input type="checkbox"/> None of the figures.</p> |  |  |

Form PCT/ISA/210 (first sheet) (July 1998)

## INTERNATIONAL SEARCH REPORT

Intern. Application No  
PCT/US 01/07404

|  |  |   |
|--|--|---|
| A. CLASSIFICATION OF SUBJECT MATTER  |  |   |
| IPC 7  | C23C14/34 B23K28/00  | B23K20/233 B23K20/24 C23F1/20<br>B23K20/02        |
| According to International Patent Classification (IPC) or to both national classification and IPC  |  |   |
| B. FIELDS SEARCHED   |  |   |
| Minimum documentation searched (classification system followed by classification symbols)  |  |   |
| IPC 7 B23K C23F C23C   |  |   |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  |  |   |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used)   |  |   |
| EPO-Internal, WPI Data, PAJ  |  |   |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT   |  |   |
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages                                 | Relevant to claim No.                             |
| X  | US 5 268 236 A (DUMONT CHRISTIAN M ET AL)<br>7 December 1993 (1993-12-07)  | 32-37   |
| Y  | column 4, line 17 - line 63  | 1-16  |
| A  | abstract; figures  | 17-31   |
| Y  | US 4 025 036 A (MELNYK PAUL)<br>24 May 1977 (1977-05-24)   | 1-16  |
|  | column 3, line 12 - line 27  |   |
|  | abstract   |   |
| X  | WO 98 26107 A (JOHNSON MATTHEY ELECT INC<br>;KARDOKUS JANINE K (US); STROTHERS SUSAN)<br>18 June 1998 (1998-06-18) | 32-37   |
| A  | page 1, line 24 - line 26  | 1-31  |
|  | page 3, line 8 - line 20   |   |
|  | page 4, line 2 - line 16   |   |
|  | ---  |   |
|  | -/-  |   |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.  |  |   |
| * Special categories of cited documents:   |  |   |
| "A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier document but published on or after the international filing date<br>"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principles or theory underlying the invention<br>"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.<br>"Z" document member of the same patent family |  |   |
| Date of the actual completion of the international search  |  | Date of making of the international search report |
| 18 October 2001  |  | 25/10/2001  |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentaan 2<br>NL - 2200 RV Rijswijk<br>Tel: (+31-70) 340-2040, Tx: 31 651 epo nl,<br>Fax: (+31-70) 340-3016  |  | Authorized officer<br><br>Haegeman, M             |

Form PCT/ISA/210 (Second sheet) (July 1992)

## INTEI .TIONAL SEARCH REPORT

Intern. Application No.  
PCT/US 01/07404

| D.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Creation of document, with indication, where appropriate, of the relevant passages                      | Relevant to claim No. |
| X  | EP 0 575 166 A (JOHNSON MATTHEY ELECT INC)  | 32-37                 |
| A  | 22 December 1993 (1993-12-22)<br>column 1, line 21 - line 23<br>column 2, line 19 - line 52<br>abstract | 1-32                  |

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Appl. Application No.  
PCT/US 01/07404

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| US 5268236                                | A | 07-12-1993          | DE 3839775 A1              | 13-06-1990          |
|   |   |                     | AT 155826 T                | 15-08-1997          |
|   |   |                     | AU 615594 B2               | 03-10-1991          |
|   |   |                     | AU 4547789 A               | 07-06-1990          |
|   |   |                     | BR 8905955 A               | 19-06-1990          |
|   |   |                     | DE 58909809 D1             | 04-09-1997          |
|   |   |                     | EP 0370211 A2              | 30-05-1990          |
|   |   |                     | JP 2290968 A               | 30-11-1990          |
|   |   |                     | JP 2636941 B2              | 06-08-1997          |
|   |   |                     | KR 160114 B1               | 15-01-1999          |
|   |   |                     | US 5032468 A               | 16-07-1991          |
| US 4025036                                | A | 24-05-1977          | BE 853709 A1               | 16-08-1977          |
|   |   |                     | CA 1069658 A1              | 15-01-1980          |
|   |   |                     | DE 2720473 A1              | 01-12-1977          |
|   |   |                     | FR 2350916 A1              | 09-12-1977          |
|   |   |                     | GB 1565123 A               | 16-04-1980          |
|   |   |                     | IT 1079223 B               | 08-05-1985          |
|   |   |                     | JP 52136862 A              | 15-11-1977          |
|   |   |                     | SE 7705506 A               | 13-11-1977          |
| WO 9826107                                | A | 18-06-1998          | CN 1211287 A               | 17-03-1999          |
|   |   |                     | EP 0904423 A1              | 31-03-1999          |
|   |   |                     | JP 11504391 T              | 20-04-1999          |
|   |   |                     | WO 9826107 A1              | 18-06-1998          |
| EP 0575166                                | A | 22-12-1993          | EP 0575166 A1              | 22-12-1993          |
|   |   |                     | JP 6065733 A               | 08-03-1994          |

Form PCT/ISA/210 (patent family sheet) (July 1992)